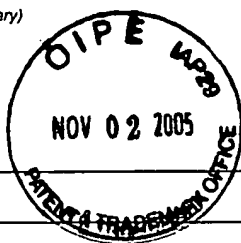


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)



Complete if Known

Application Number	10/679,250
Filing Date	October 3, 2003
First Named Inventor	Bruss, Andrew
Group Art Unit	3762
Examiner Name	Unknown

Sheet 1 of 3

Attorney Docket No: 543.009US1

**US PATENT DOCUMENTS**

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
JS	US-2002/0090121 A1	07/11/2002	Schneider, Alexander C., et al.	11/23/2001
JS	US-2003/0056799 A1	03/27/2003	Young, Stewart , et al.	09/05/2002
JS	US-2003/0118221 A1	06/26/2003	Deschamps, Thomas, et al.	11/22/2002
JS	US-2003/0166999 A1	09/04/2003	Liu, Kecheng , et al.	09/18/2001
JS	US-2003/0053697 A1	03/20/2003	Aylward, S. R., et al.	04/09/2001
JS	US-2005/0110791 A1	05/26/2005	Krishnamoorthy, P. , et al.	11/26/2003
JS	US-4,945,478	07/31/1990	Merickel, Michael B., et al.	11/06/1987
	US-4,985,856	01/15/1991	Kaufman, Arie E., et al.	11/10/1988
	US-4,987,554	01/22/1991	Kaufman, Arie E.	08/24/1998
	US-5,038,302	08/06/1991	Kaufman, Arie E.	07/26/1998
	US-5,101,475	03/31/1992	Kaufman, Arie E., et al.	04/17/1989
	US-5,442,733	08/15/1995	Kaufman, Arie E., et al.	03/20/1992
	US-5,544,283	08/06/1996	Kaufman, Arie E., et al.	07/26/1993
	US-5,594,842	01/14/1997	Kaufman, A. E., et al.	09/06/1994
	US-5,671,265	09/23/1997	Andress, Keith M.	07/14/1995
	US-5,699,799	12/23/1997	Xu, B. , et al.	03/26/1996
	US-5,760,781	06/02/1998	Kaufman, Arie E., et al.	09/30/1997
	US-5,805,118	09/08/1998	Mishra, P. , et al.	12/22/1995
	US-5,847,711	12/08/1998	Kaufman, Arie E., et al.	08/01/1997
	US-5,971,767	10/26/1999	Kaufman, Arie E., et al.	09/16/1996
	US-6,331,116	12/18/2001	Kaufman, Arie E., et al.	06/29/1999
	US-6,343,936	02/05/2002	Kaufman, Arie E., et al.	01/28/2000
	US-6,501,848	12/31/2002	Carroll, J. , et al.	11/20/1999
	US-6,514,082	02/04/2003	Kaufman, Arie E., et al.	10/10/2001
	US-6,556,856	04/29/2003	Mistretta, Charles A., et al.	09/18/2000
	US-6,674,430	01/06/2004	Kaufman, Arie E., et al.	07/16/1999

EXAMINER

/Jeffrey Smith/

DATE CONSIDERED

11/21/2006

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) : Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 10/679,250

Filing Date October 3, 2003

First Named Inventor Bruss, Andrew

Group Art Unit 3762

Examiner Name Unknown

Sheet 2 of 3

Attorney Docket No: 543.009US1

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T <sup>2</sup>
JS	EP-0368425A2	05/16/1990	Kaufman, Aire E., et al.	
	EP-1001379A2	05/17/2000	Knittel, James, et al.	
	EP-1089235A2	07/23/2002	Lauer, Hugh C., et al.	
	EP-1225541A2	07/24/2002	Turek, M. W., et al.	
	WO-98/37517A1	08/27/1998	Vining, David J., et al.	
	WO-99/42977A1	08/26/1999	Shibolet, Omer	
	WO-00/33257A1	06/08/2000	Akerman, Shmuel, et al.	
	WO-00/41134 A1	07/13/2000	Deschamps, Thomas, et al.	
	WO-00/55812A1	09/21/2000	Kaufman, A. E., et al.	
	WO-02/29764A1	04/11/2002	Kaufman, A. E., et al.	
	WO-2005/034040A1	04/14/2005	Bruss, A., et al.	
	WO-2005/055141A1	06/16/2005	Krishnamoorthy, P., et al.	

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JS		"International Search Report for corresponding PCT Application No. PCT/US2004/032715", (Attorney Docket No. 543.009WO1), (January 14, 2005), 4 pgs.	
JS		BANKMAN, I., "Handbook of Medical Imaging Processing and Analysis", Academic Press, (2000).	
JS		COHEN, L. D., "Multiple Contour Finding and Perceptual Grouping Using Minimal Paths", <u>Journal of Mathematical Imaging and Vision</u> , 14(3), (May. 2001), 225-236	
JS		DAWSON, S. L., et al., "Designing a Computer-Based Simulator for Interventional Cardiology Training", <u>Catheterization and Cardiovascular Interventions: Official Journal of the Society for Cardiac Angiography &amp; Interventions</u> , 51 (4), (Dec. 2000), 522-527	
JS		HALL, P., "A Complete Simulation of X-Ray Angiography", <u>Proceedings of the Spie- The International Society for Optical Engineering</u> , 3338, (Feb., 1998), 1064-1075	
JS		KRISHNAMOORTHY, P., et al., "System for Segmentation and Selective Visualilzation of the Coronary Artery Tree for Evaluation of Stenosis, Soft Plaque and Calcification in Cardiac CTA", <u>Imaging Decisions MRI 2004</u> , Vol 8 (2), (July 2004), 25-30	
JS		LAVIALLE, O., et al., "Extension of the Minimal Path Searching for Structure Recovery", <u>Proceedings 1999 International Conference on Image Processing</u> , 4, (Octoctober 1999), 405-409	
JS		MAROVIC, B S., et al., "Enhanced Visualization of Angiograms using 3D Models", <u>Proceedings of the Spie</u> , 3658, (Feb. 1999), 90-98	

EXAMINER

/Jeffrey Smith/

DATE CONSIDERED

11/21/2006

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Application Number 10/679,250

Filing Date October 3, 2003

First Named Inventor Bruss, Andrew

Group Art Unit 3762

Examiner Name Unknown

Sheet 3 of 3

Attorney Docket No: 543.009US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
JS		SETHIAN, J. A., Level Set Methods and Fast Marching Methods, Evolving Interfaces in Computational Geometry, Fluid Mechanics, Computer Vision, and Materials Science, 2 <sup>nd</sup> Edition, (Series: Cambridge University's Monographs on Applied and Computational Mathematics (No. 3)), (1999), 202 pgs.	

EXAMINER

/Jeffrey Smith/

DATE CONSIDERED

11/21/2006

Substitute Disclosure Statement Form (PTO-1449)

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional) <sup>2</sup> Applicant is to place a check mark here if English Language Translation is attached